

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086715.D
 Acq On : 5 May 2016 19:50
 Operator : UM/SJ
 Sample : H2829-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B13(0-9.5)-C

Quant Time: May 06 01:14:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

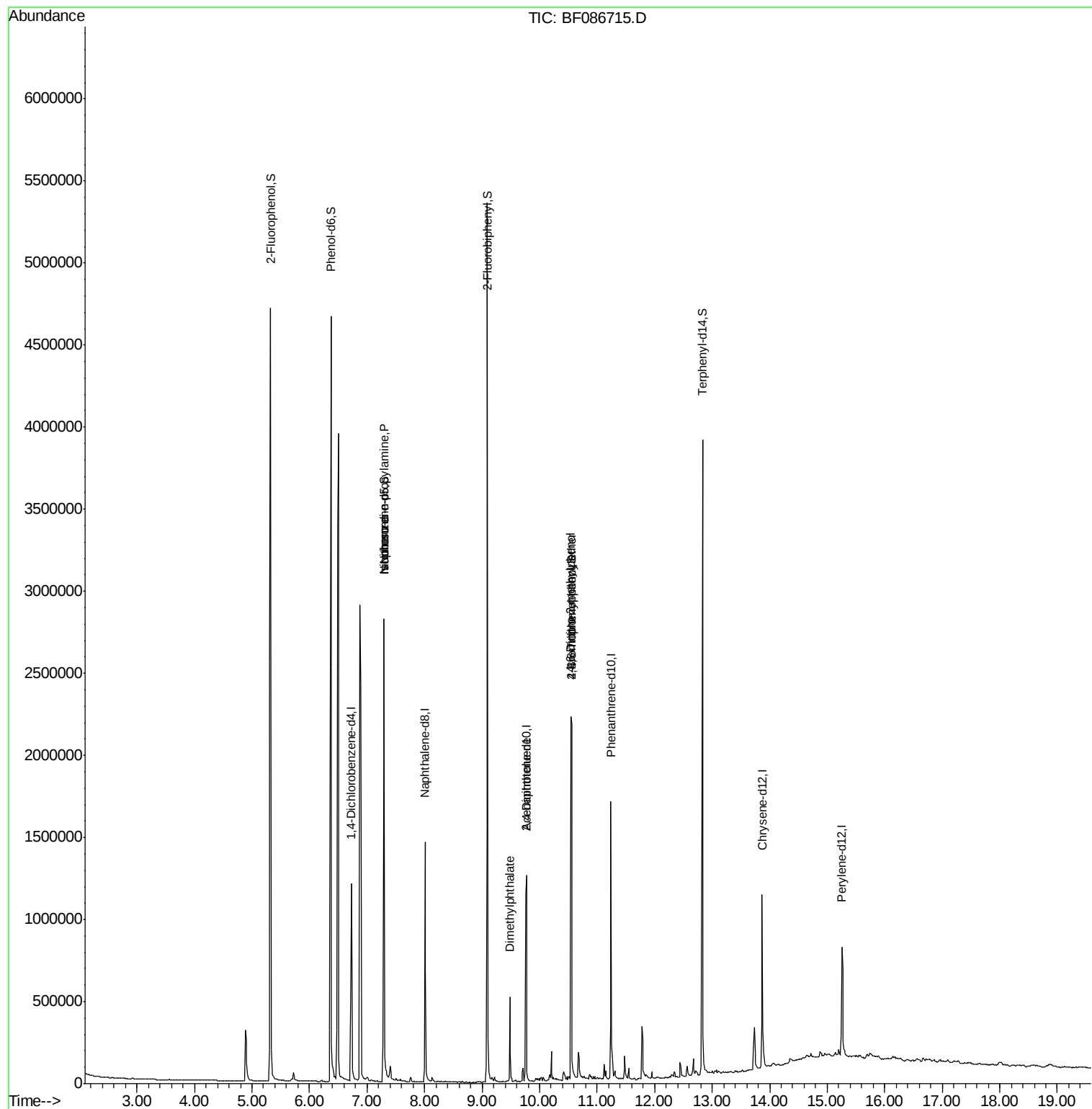
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195148	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	750743	40.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	351604	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	623285	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	394830	40.00	ng	-0.01
86) Perylene-d12	15.25	264	369095	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1311880	111.29	ng	0.00
7) Phenol-d6	6.37	99	1664851	104.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	1185961	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	418045	121.54	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1575637	73.46	ng	-0.01
78) Terphenyl-d14	12.83	244	1258665	64.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	162955	15.02	ng	# 79
25) Isophorone	7.30	82	1105003	40.61	ng	# 68
49) Dimethylphthalate	9.48	163	206749	7.89	ng	99
56) 2,4-Dinitrotoluene	9.77	165	43773	6.28	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	1014	5.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	23894	3.86	ng	# 1

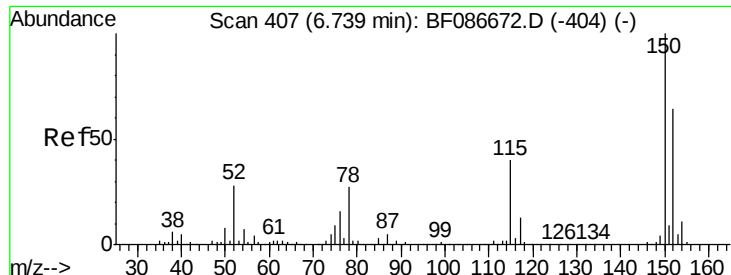
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

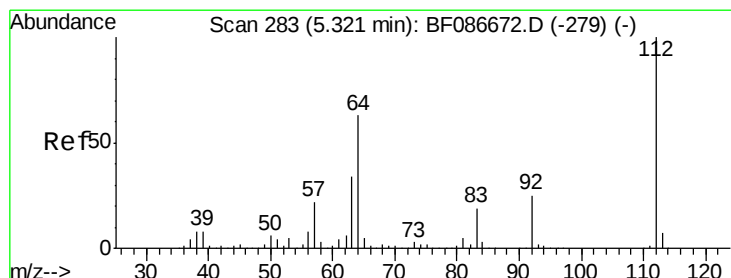
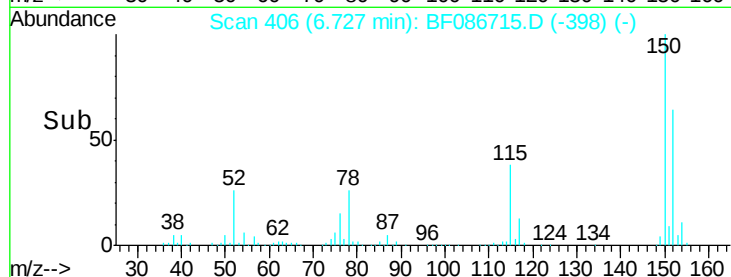
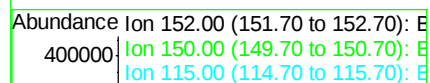
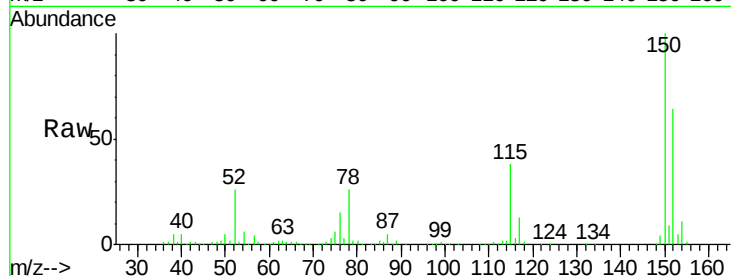
Tgt Ion:152 Resp: 195148

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

115 59.8 51.5 77.3



#5

2-Fluorophenol

Concen: 111.29 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

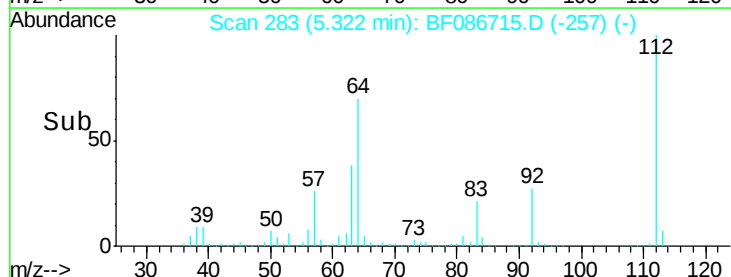
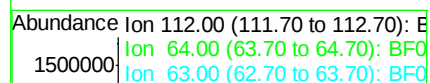
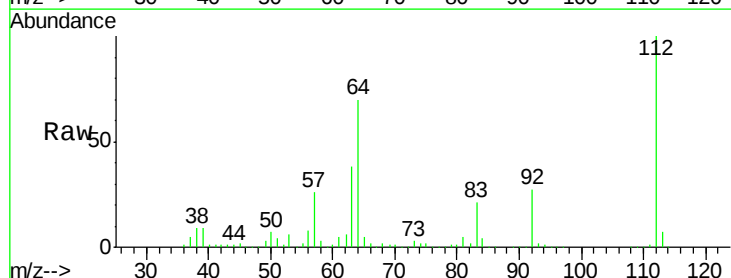
Tgt Ion:112 Resp: 1311880

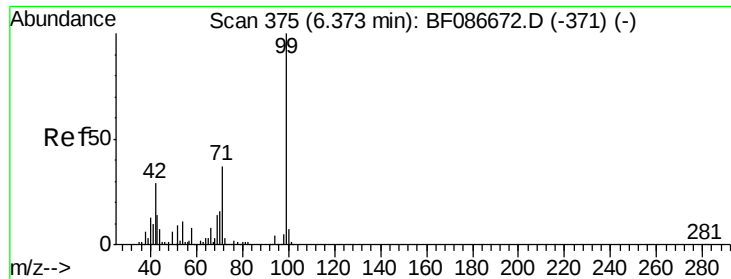
Ion Ratio Lower Upper

112 100

64 69.7 52.1 78.1

63 37.7 25.7 38.5





#7

Phenol-d6

Concen: 104.85 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

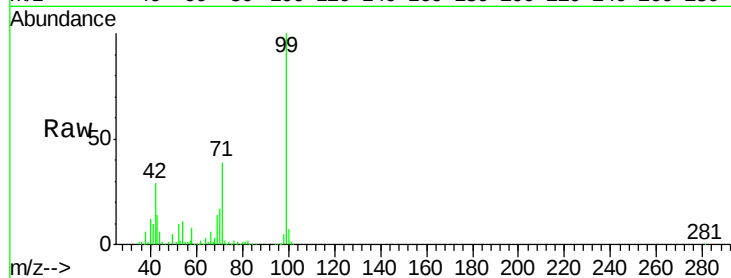
Tgt Ion: 99 Resp: 1664851

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

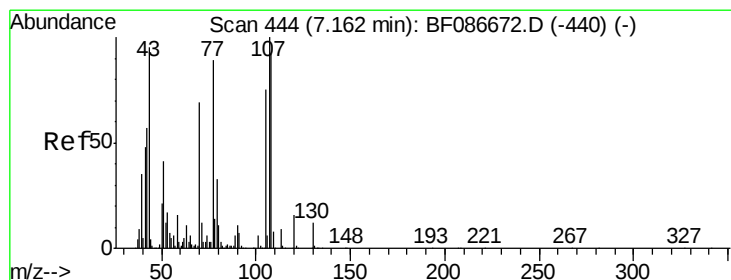
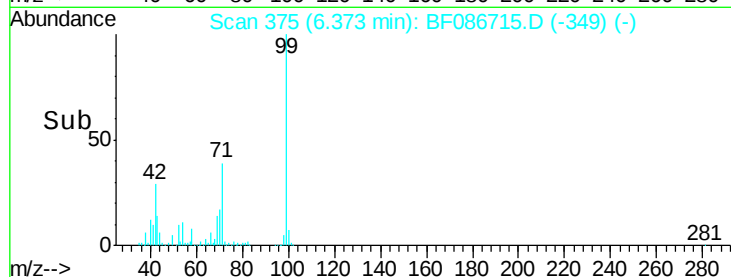
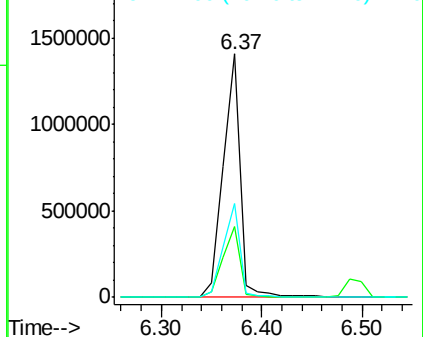
71 38.7 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.02 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Tgt Ion: 70 Resp: 162955

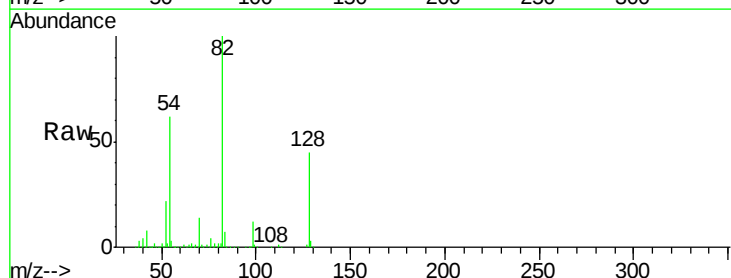
Ion Ratio Lower Upper

70 100

42 60.6 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

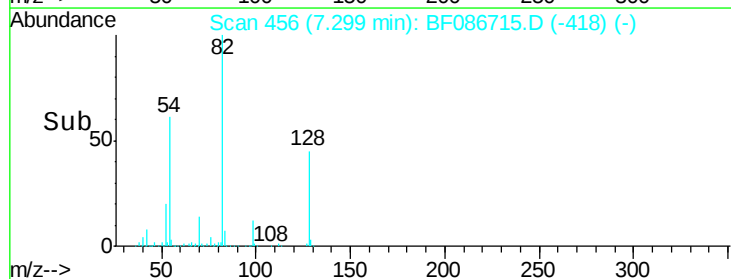
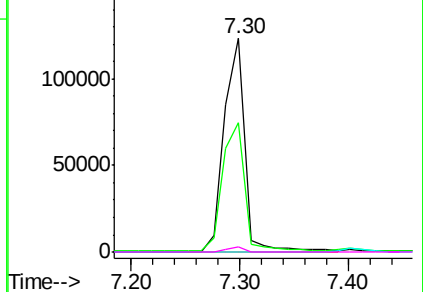


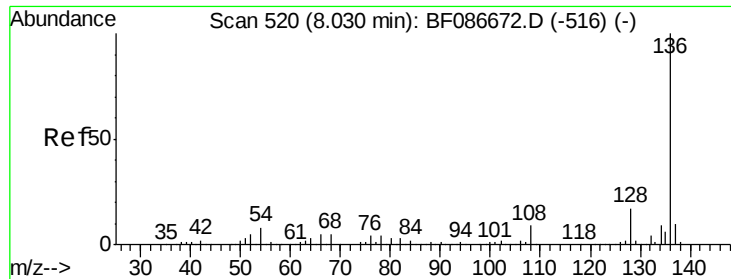
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

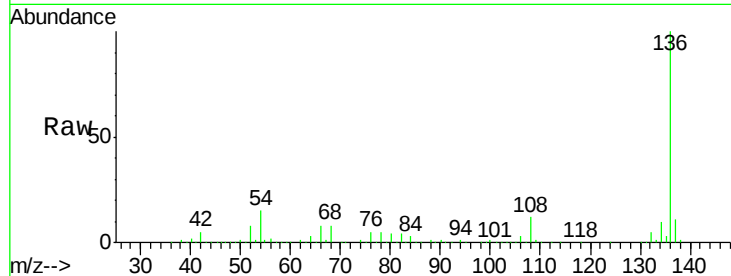




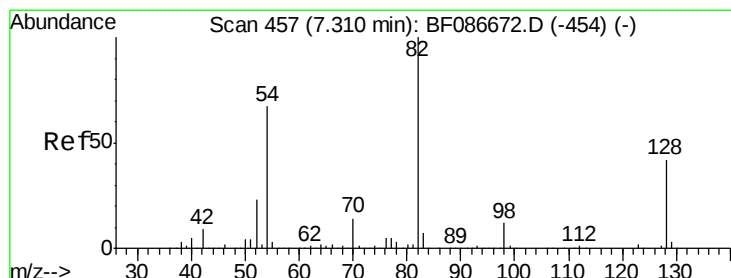
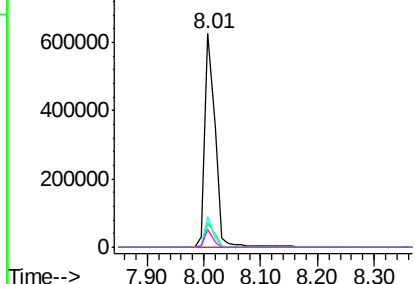
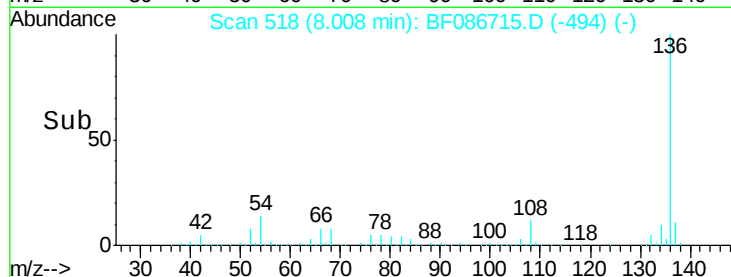
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B13(0-9.5)-C

Tgt Ion:	136	Resp:	750743
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.6	5.0	7.4#
68	8.2	4.4	6.6#

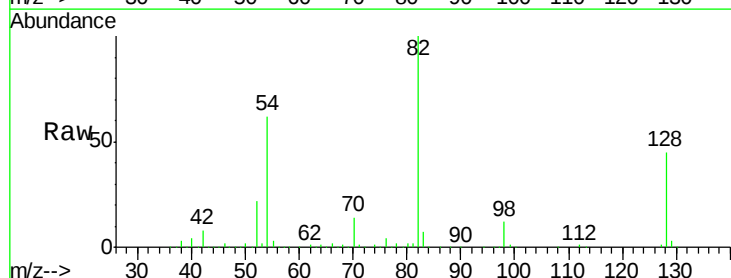


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

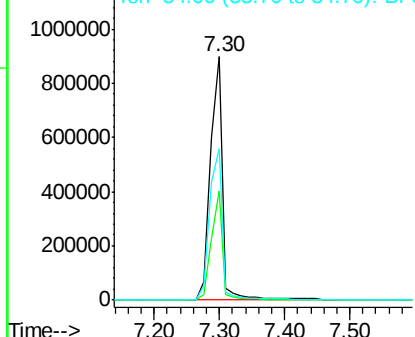
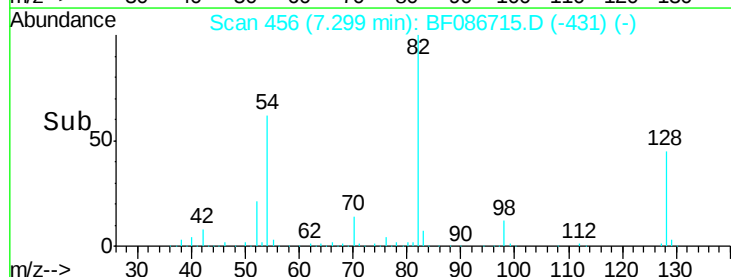


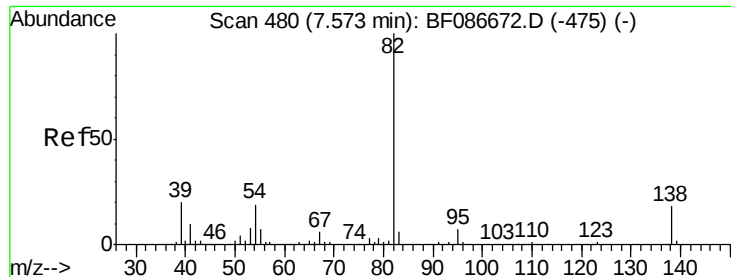
#23
Nitrobenzene-d5
Concen: 81.18 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Tgt Ion:	82	Resp:	1185961
Ion	Ratio	Lower	Upper
82	100		
128	44.9	40.6	61.0
54	61.9	38.1	57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.61 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.27 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

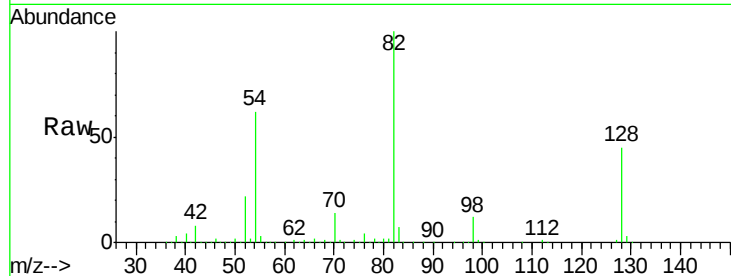
Tgt Ion: 82 Resp: 1105003

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

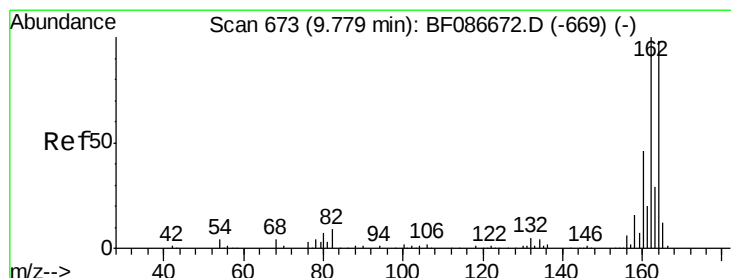
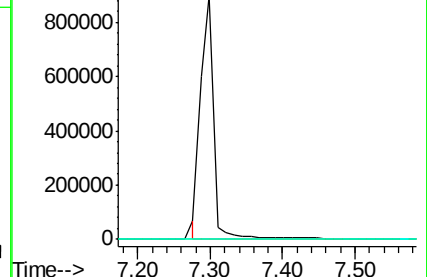
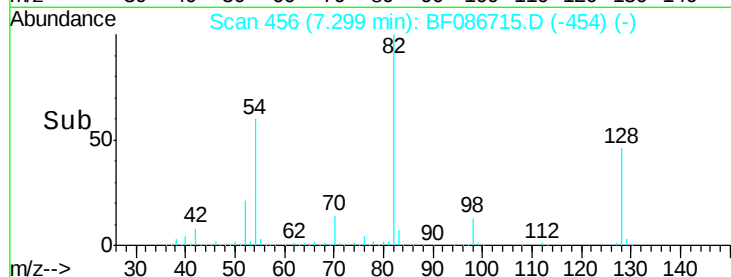
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF086672.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BF086672.D (-475) (-)

Ion 138.00 (137.70 to 138.70): BF086672.D (-475) (-)



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

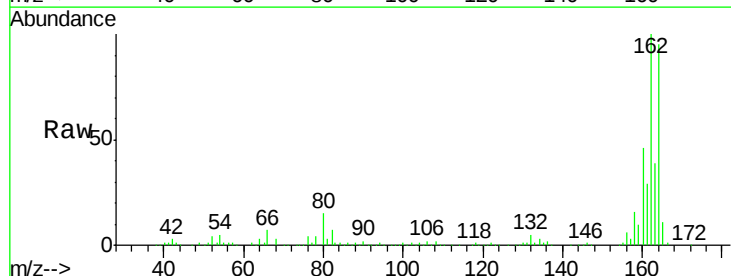
Tgt Ion: 164 Resp: 351604

Ion Ratio Lower Upper

164 100

162 105.6 82.8 124.2

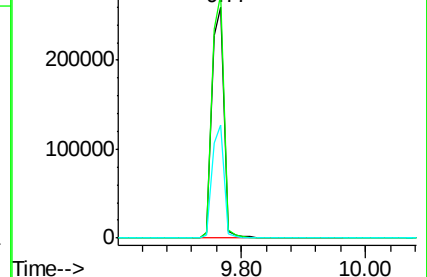
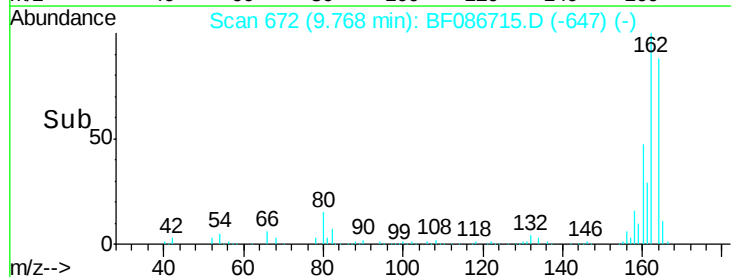
160 49.0 36.9 55.3

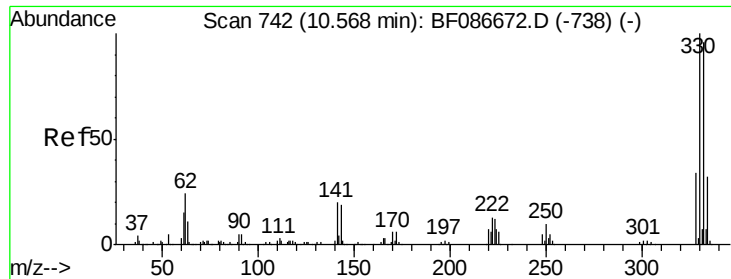


Abundance Ion 164.00 (163.70 to 164.70): BF086672.D (-669) (-)

Ion 162.00 (161.70 to 162.70): BF086672.D (-669) (-)

Ion 160.00 (159.70 to 160.70): BF086672.D (-669) (-)

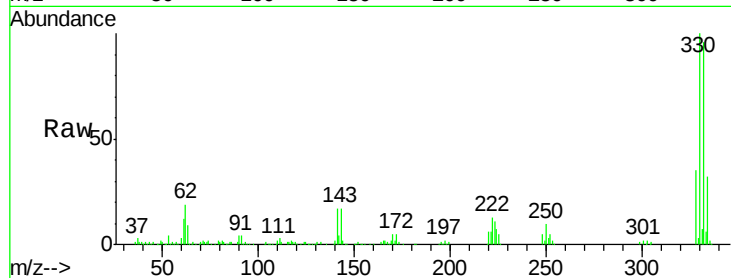




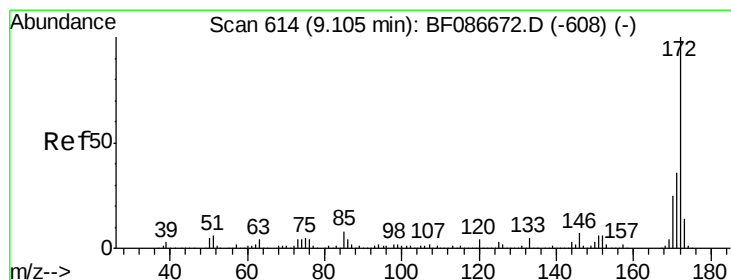
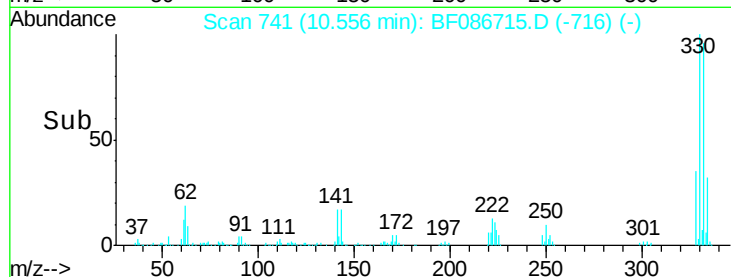
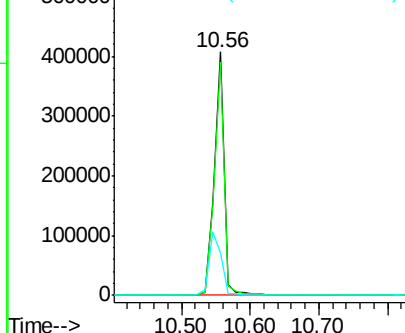
#41
 2,4,6-Tribromophenol
 Concen: 121.54 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B13(0-9.5)-C

Tgt Ion:330 Resp: 418045
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 32.4 31.2 46.8

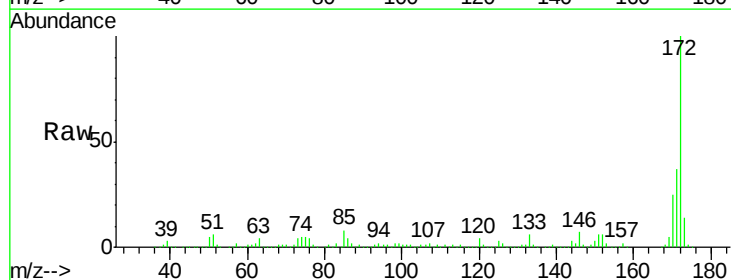


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

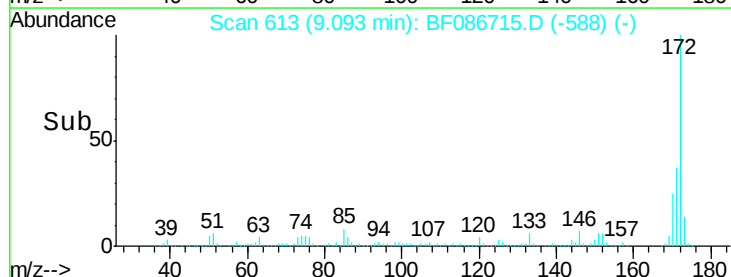
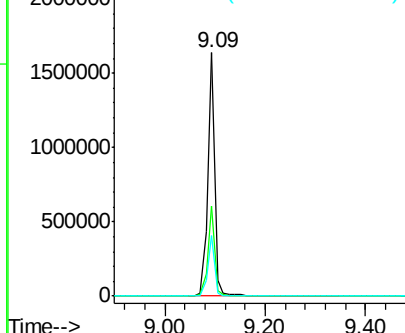


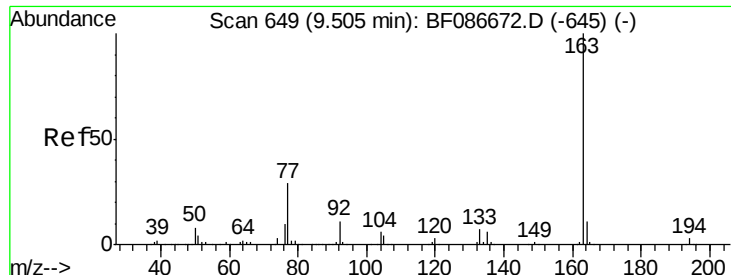
#44
 2-Fluorobiphenyl
 Concen: 73.46 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Tgt Ion:172 Resp: 1575637
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

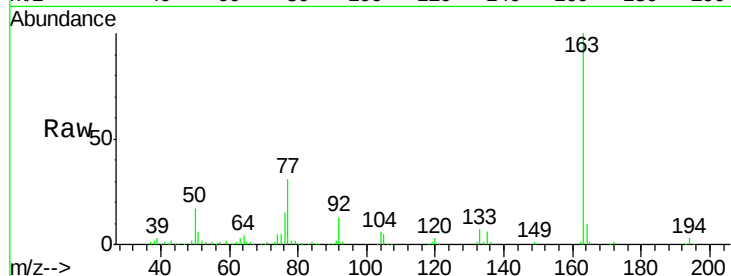




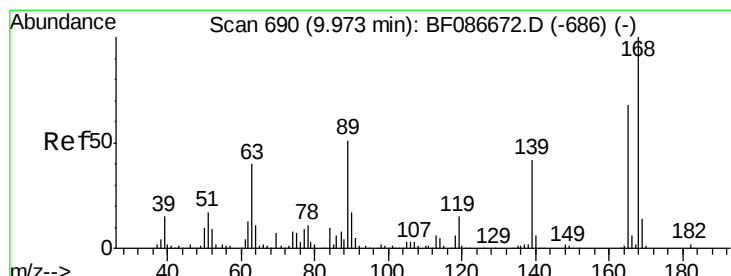
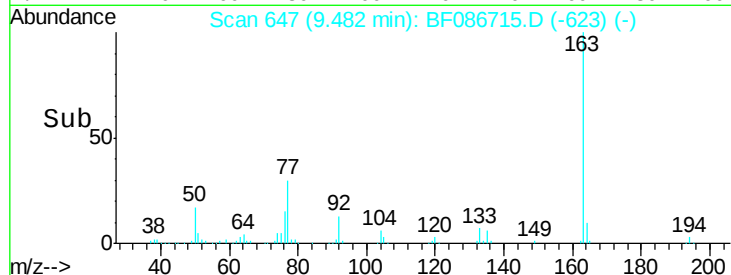
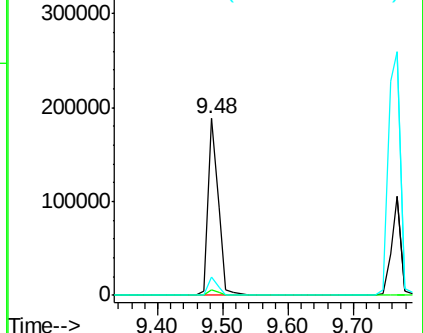
#49
Dimethylphthalate
Concen: 7.89 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B13(0-9.5)-C

Tgt Ion:163 Resp: 206749
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.4 8.2 12.4

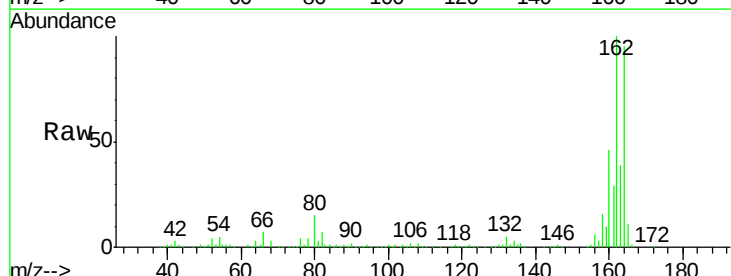


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

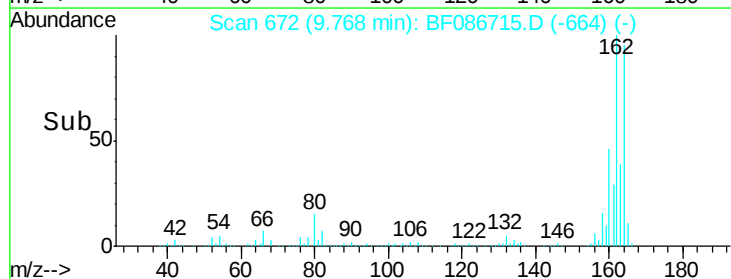
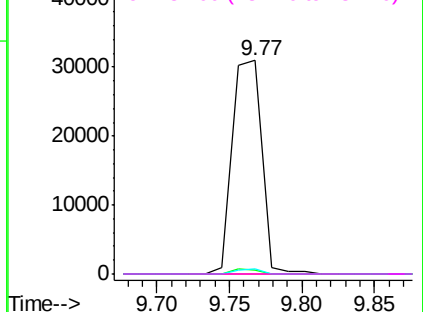


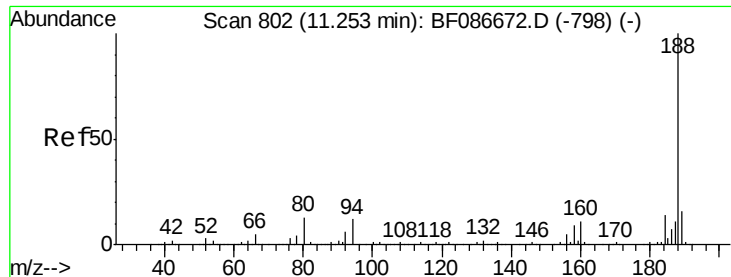
#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Tgt Ion:165 Resp: 43773
Ion Ratio Lower Upper
165 100
63 2.1 44.3 66.5#
89 2.2 70.0 105.0#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

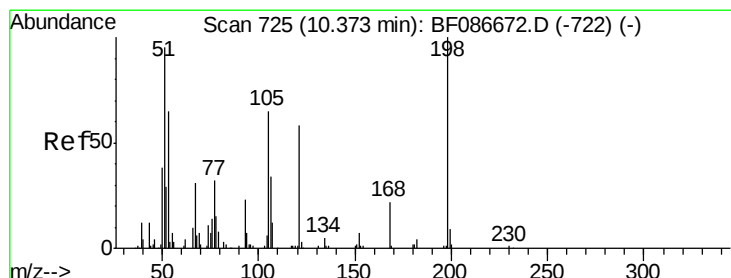
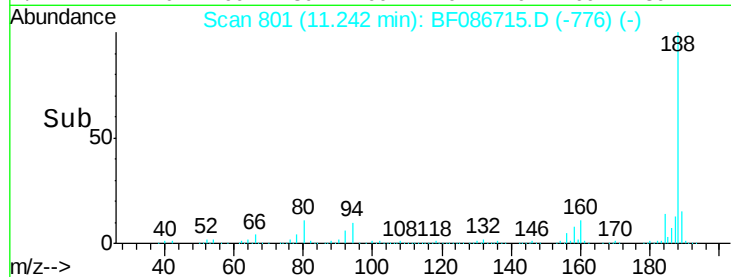
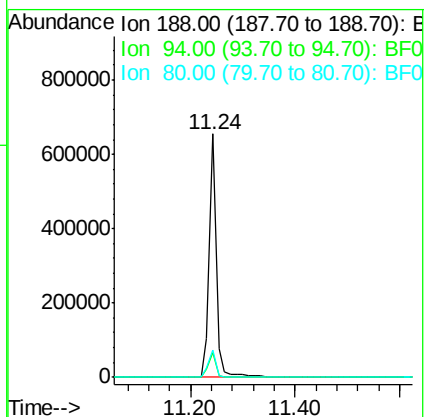
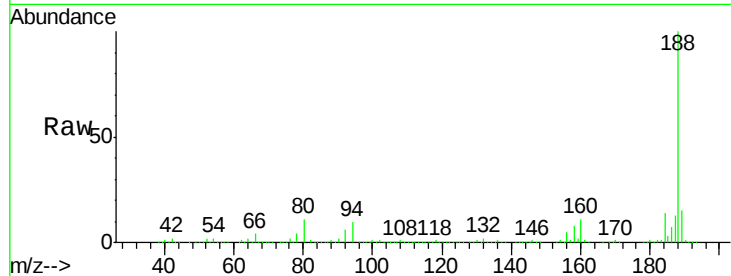




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

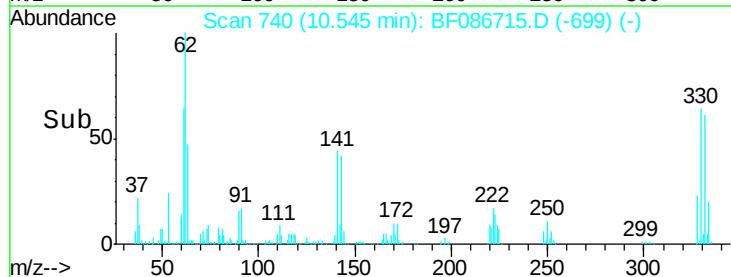
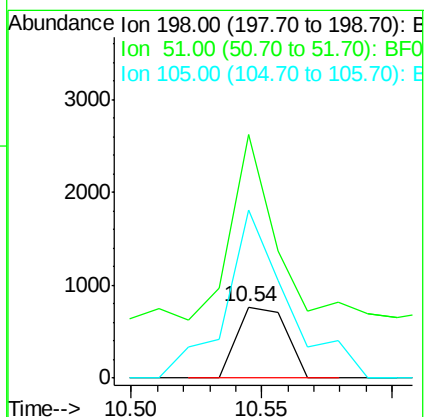
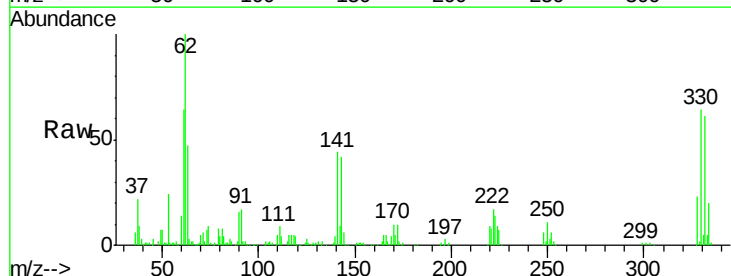
Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B13(0-9.5)-C

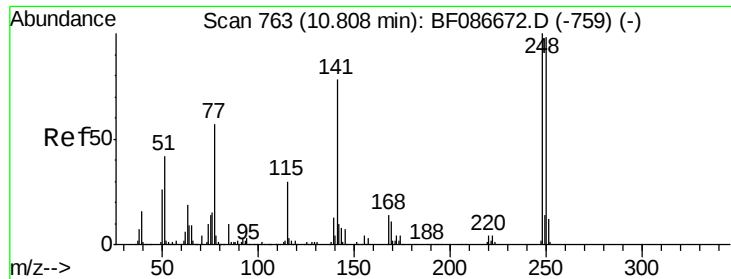
Tgt Ion:188 Resp: 623285
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2#
80 11.2 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.58 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.17 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Tgt Ion:198 Resp: 1014
Ion Ratio Lower Upper
198 100
51 342.2 20.5 60.5#
105 236.3 24.5 64.5#

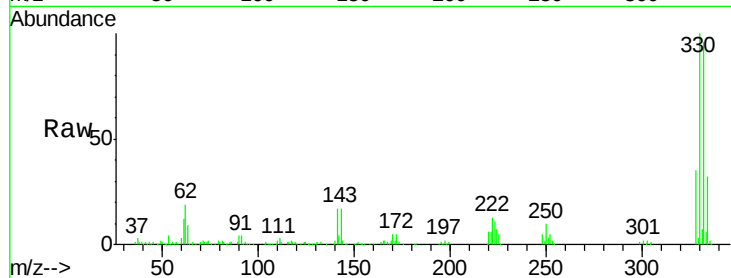




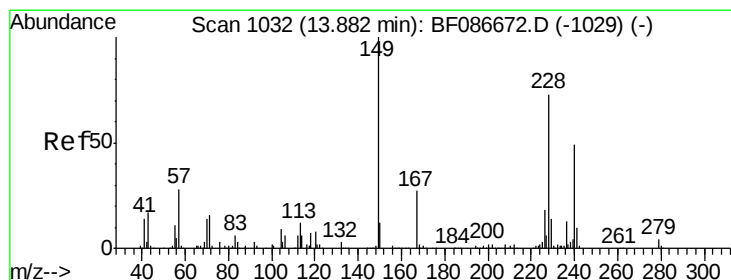
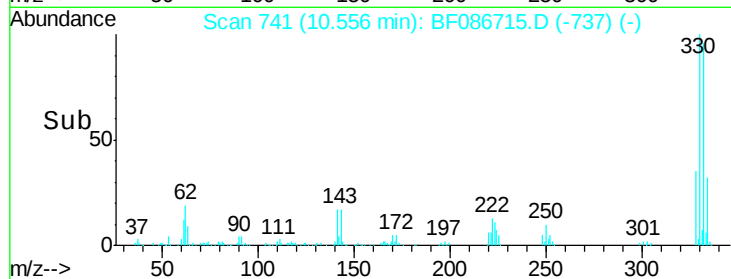
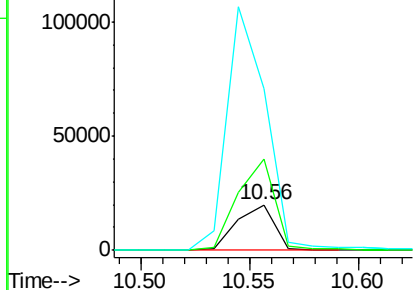
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B13(0-9.5)-C

Tgt Ion:248 Resp: 23894
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.6 117.8#
 141 354.2 76.0 114.0#

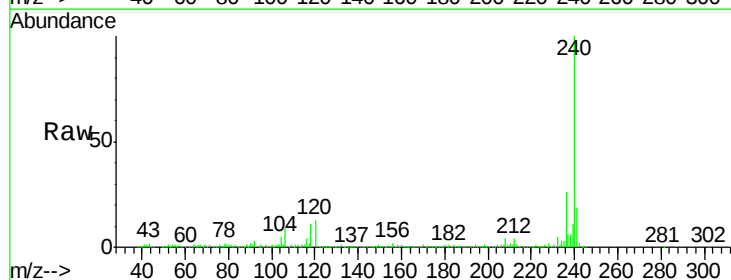


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

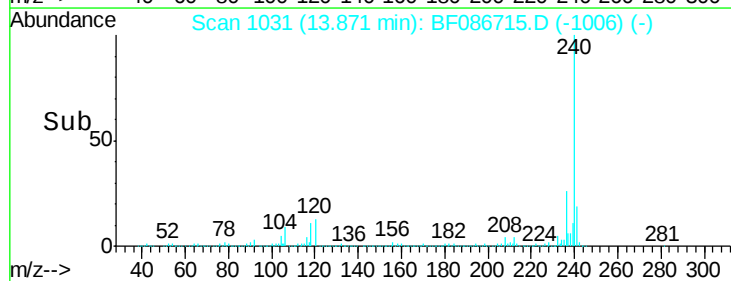
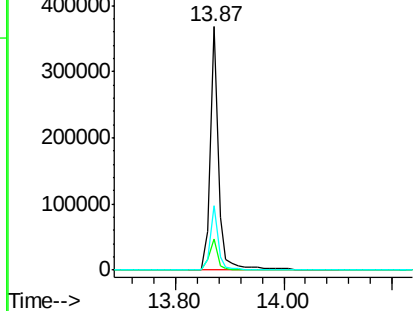


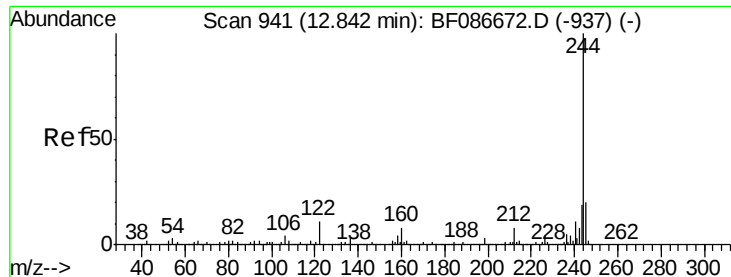
#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Tgt Ion:240 Resp: 394830
 Ion Ratio Lower Upper
 240 100
 120 12.6 11.2 16.8
 236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.43 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

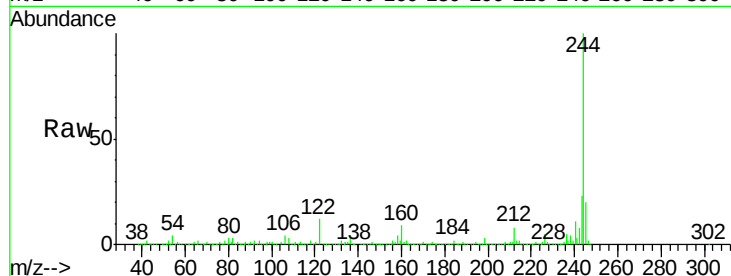
Tgt Ion:244 Resp: 1258665

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

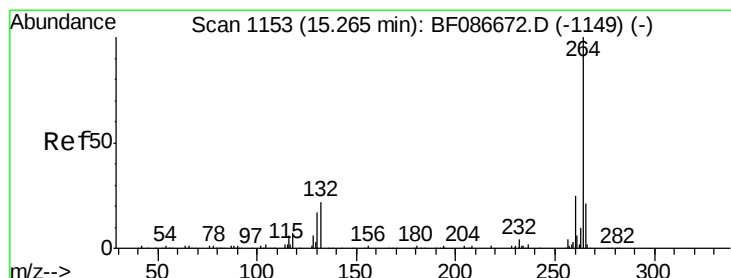
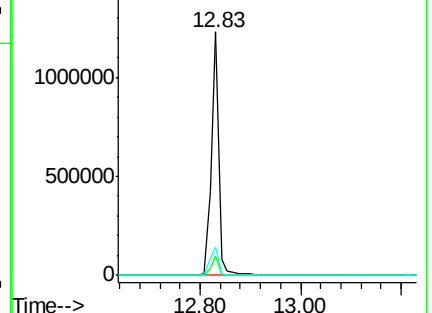
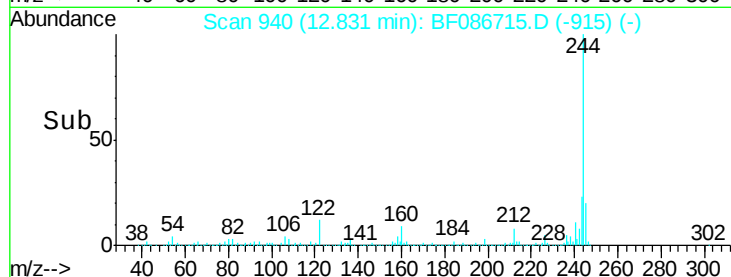
122 11.9 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

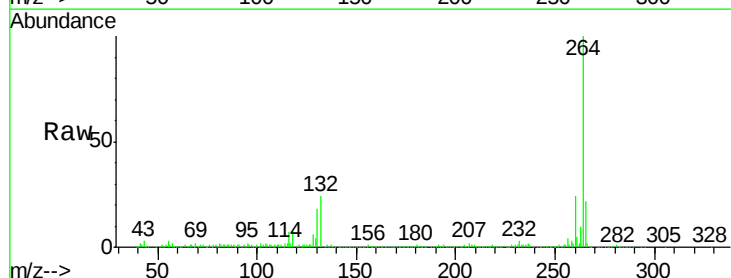
Tgt Ion:264 Resp: 369095

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

